

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits   | Search Query                                                                                                                                  | DBs                                                     | Default Operator | Plurals | Time Stamp          |
|-------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|---------|---------------------|
| L1    | 248359 | COMMUNICATION NEAR(SYSTEM OR APPARATUS) SAME(MOBILE OR WIRELESS)                                                                              | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/06/27<br>11:49 |
| L2    | 376    | L1 and DEROTAT\$3                                                                                                                             | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/06/27<br>11:59 |
| L3    | 3      | L1 and DEROTAT\$3 adj received adj symbol                                                                                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/06/27<br>12:00 |
| L4    | 0      | L3 and (primary adj common adj control adj physical adj channel or PCPOCH) and (space adj time adj transmit adj diversity)and symbols         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/06/27<br>12:06 |
| L5    | 1      | L3 and (primary adj common adj control adj physical adj channel or PCPOCH) and (space adj time adj transmit adj diversity or STTD)            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/06/27<br>12:06 |
| L6    | 1      | L3 and (primary adj common adj control adj physical adj channel or PCPOCH) and (space adj time adj transmit adj diversity or STTD)and symbols | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/06/27<br>12:07 |
| L7    | 1      | L6 and (@ad<"20032212" or @riad<"20032212" or @prad<"20032212" or @ptad<"20032212")                                                           | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/06/27<br>12:07 |
| L8    | 0      | L6 and @ad<"20032212"                                                                                                                         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/06/27<br>12:07 |

|     |        |                                                                            |                                                        |    |    |                     |
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| L9  | 6      | L2 and (sub adj block or sub-block)                                        | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>BM_TDB | OR | ON | 2010/06/27<br>12:11 |
| L10 | 1      | L9 and despread adj symbols                                                | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>BM_TDB | OR | ON | 2010/06/27<br>12:12 |
| L11 | 2      | L9 and (primary adj common adj control adj physical adj channel or POCPOH) | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>BM_TDB | OR | ON | 2010/06/27<br>12:13 |
| L12 | 0      | L11 and (symbols or non adj pilot) and unaltered                           | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>BM_TDB | OR | ON | 2010/06/27<br>12:15 |
| L13 | 2      | L11 and (symbols or non adj pilot)                                         | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>BM_TDB | OR | ON | 2010/06/27<br>12:16 |
| L14 | 0      | L13 and unaltered                                                          | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>BM_TDB | OR | ON | 2010/06/27<br>12:16 |
| L15 | 1      | L13 and weights                                                            | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>BM_TDB | OR | ON | 2010/06/27<br>12:21 |
| L16 | 0      | L15 and switching                                                          | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>BM_TDB | OR | ON | 2010/06/27<br>12:22 |
| L17 | 1      | L15 and switch\$3                                                          | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>BM_TDB | OR | ON | 2010/06/27<br>12:22 |
| S1  | 221015 | COMMUNICATION NEAR (SYSTEM OR APPARATUS) SAME (MOBILE OR WIRELESS)         | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>BM_TDB | OR | ON | 2009/09/13<br>11:21 |

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|-----|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|-----|---------------------|
| S2  | 166380 | S1 AND RECEIV\$4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/13<br>11:22 |
| S3  | 337    | S2 AND DEROTAT\$3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/13<br>11:23 |
| S4  | 156    | S3 AND PILOT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/13<br>11:23 |
| S5  | 153    | S4 AND TRANSMIT\$4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/13<br>11:24 |
| S6  | 99     | S5 AND DIVERSITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/13<br>11:25 |
| S7  | 53     | S6 AND CLOSED ADJ LOOP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/13<br>11:26 |
| S8  | 102    | ((("20070104251") or ("5930305") or ("5832040") or ("5386239") or ("6035003") or ("6088389") or ("6621857") or ("20080031316") or ("20080232515") or ("7551691") or ("20060120267") or ("7174178") or ("7200368") or ("7395032") or ("7403748") or ("20030017835") or ("20040235526") or ("6304624") or ("6747963") or ("5550869") or ("6236687") or ("6795512") or ("6856656") or ("6975839") or ("20020097814") or ("20040087313") or ("20060044477") or ("20080212713") or ("20080260057") or ("7095709") or ("20030235147") or ("20040132496") or ("20060193268") or ("20090219875") or ("5329547") or ("5351274") or ("5703873") or ("5737327") or ("5822359") or ("5844952") or ("6044119") or ("6070086") or ("6101168") or ("6208632") or ("6310869") or ("6327311") or ("6356555") or ("6356605") or ("6373823") or ("6424642") or (").pn"))).PN | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/13<br>11:27 |
| S9  | 90     | S8 and @ad< "20032212" or @lad< "20032212" or @rad< "20032212" or @ptad< "20032212"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/13<br>11:35 |
| S10 | 45     | S9 and COMMUNICATION NEAR(SYSTEM OR APPARATUS)SAME(MOBILE OR WIRELESS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/13<br>11:35 |

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| S11 | 40    | S10 AND RECEIV\$4                                                                               | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>11:36 |
| S12 | 8     | S11 AND DEROTAT\$3                                                                              | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>11:36 |
| S13 | 5     | S12 AND PILOT                                                                                   | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>11:36 |
| S14 | 5     | S13 AND TRANSMIT\$4                                                                             | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>11:36 |
| S15 | 3     | S14 AND DIVERSITY                                                                               | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>11:36 |
| S16 | 1     | S15 AND CLOSED ADJ LOOP                                                                         | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>11:36 |
| S17 | 1     | S16 and (@ed<"20032212" or @rlad<"20032212" or @prad<"20032212" or @plad<"20032212")            | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>11:37 |
| S18 | 0     | S16 and @ed<"20032212"                                                                          | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>11:37 |
| S19 | 1     | ((ERIC) near2 (ALLIOT)).INV.                                                                    | US-PGRUB;<br>USPAT                                      | OR | ON | 2009/09/13<br>11:43 |
| S20 | 2     | ((RODOLFO) near2 (VERZEGNASS)).INV.                                                             | US-PGRUB;<br>USPAT                                      | OR | ON | 2009/09/13<br>11:44 |
| S21 | 23180 | 375/326,347,340,EI.002,332,343,141,341,342,147,324,327,344,323,298,260,148,150,152,271,316.cds. | US-PGRUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:17 |

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| S22 | 8512 | S21 and COMMUNICATION NEAR(SYSTEM OR APPARATUS)SAME(MOBILE OR WIRELESS) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:18 |
| S23 | 8431 | S22 AND RECEIV\$4                                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:19 |
| S24 | 166  | S23 AND DEROTAT\$3                                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:19 |
| S25 | 104  | S24 AND PILOT                                                           | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:19 |
| S26 | 103  | S25 AND TRANSMIT\$4                                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:19 |
| S27 | 68   | S26 AND DIVERSITY                                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:19 |
| S28 | 39   | S27 AND CLOSED ADJ LOOP                                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:19 |
| S29 | 35   | S28 and @ed< "20032212"                                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:20 |
| S30 | 8910 | 370/335,208,342,491,441.cds.                                            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:22 |
| S31 | 5703 | S30 and COMMUNICATION NEAR(SYSTEM OR APPARATUS)SAME(MOBILE OR WIRELESS) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:22 |

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| S32 | 8636  | S31 AND RECEIV\$4                                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:22 |
| S33 | 75    | S32 AND DEROTAT\$3                                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:22 |
| S34 | 63    | S33 AND PILOT                                                           | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:22 |
| S35 | 63    | S34 AND TRANSMIT\$4                                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:23 |
| S36 | 48    | S35 AND DIVERSITY                                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:23 |
| S37 | 36    | S36 AND CLOSED ADJ LOOP                                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:23 |
| S38 | 10325 | 455/101,502,69,522,562,1,255,135,67,11,442.cds.                         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:25 |
| S39 | 6439  | S38 and COMMUNICATION NEAR(SYSTEM OR APPARATUS)SAME(MOBILE OR WIRELESS) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:25 |
| S40 | 6389  | S39 AND RECEIV\$4                                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:25 |
| S41 | 17    | S40 AND DEROTAT\$3                                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:26 |

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| S42 | 12    | S41 AND PILOT                                                           | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:26 |
| S43 | 12    | S42 AND TRANSMITS4                                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:26 |
| S44 | 11    | S43 AND DIVERSITY                                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:26 |
| S45 | 10    | S44 AND CLOSED ADJ LOOP                                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:26 |
| S46 | 10681 | 370/335,208,342,491,441,204,215,320,345.ccls                            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:27 |
| S47 | 6507  | S46 and COMMUNICATION NEAR(SYSTEM OR APPARATUS)SAME(MOBILE OR WIRELESS) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:28 |
| S48 | 6435  | S47 AND RECEIVES4                                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:28 |
| S49 | 76    | S48 AND DEROTAT33                                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:28 |
| S50 | 63    | S49 AND PILOT                                                           | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:28 |
| S51 | 63    | S50 AND TRANSMITS4                                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:28 |

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| S52 | 48   | S51 AND DIVERSITY        | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:28 |
| S53 | 36   | S52 AND CLOSED ADJ LOOP  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>12:29 |
| S55 | 9242 | 382/232,233,305,100.COLS | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/13<br>13:48 |

6/27/10 12:24:45 PM

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